

California Integrated Waste Management Board

Board Meeting

February 15-16, 2005

AGENDA ITEM 13

ITEM

Consideration Of The Scoring Criteria And Evaluation Process For The Sustainable Building Tire Grant Program Fiscal Year 2004/2005 (California Tire Recycling Management Fund)

I. ISSUE/PROBLEM STATEMENT

This agenda item presents the proposed scoring criteria and evaluation process for the Sustainable Building Tire Grant program. Approval of Resolution 2005-50 will allow staff to issue a Notice of Funds Available (NOFA) to solicit grant proposals for the Sustainable Building Tire Grant Program.

II. ITEM HISTORY

At the May 2003 California Integrated Waste Management Board (Board) meeting the Board adopted Resolution 2003-275, Consideration of Adoption of the Revised Five-Year Plan for the Waste Tire Recycling Management Program (2nd Edition Covering FY 2003/04-2007/08). This Plan approved a current year allocation of \$300,000 from the Tire Recycling Management Fund (Tire Fund) to assist in the development of markets and new technologies for California waste tires through the Sustainable Building Program.

There has been no previous Board action on this item.

III. OPTIONS FOR THE BOARD

1. Adopt Resolution Number 2005-50, approve proposed Scoring Criteria and Evaluation Process for the Sustainable Building Tire Grants Fiscal Year (FY) 04/05 and direct staff to issue a NOFA to solicit proposals; or
2. Approve the proposed Scoring Criteria and Evaluation Process for the Sustainable Building Tire Grants FY 04/05 with specific revisions and adopt Resolution Number 2005-50; or
3. Disapprove the proposed Scoring Criteria and Evaluation Process for the Sustainable Building Tire Grants FY 04/05 and give staff specific direction for further action.

IV. STAFF RECOMMENDATION

Staff recommends that the Board approve Option 1, and adopt Resolution 2005-50.

V. ANALYSIS

A. Key Issues and Findings

On April 27, 1999 the Board approved *The Sustainable Building Plan, Part I* (Conceptual Plan). This Conceptual Plan presented a long-term vision and goals for the sustainable building program. One of the goals was to create a grant program to further sustainable buildings in the State (Sustainable Building Grant Program).

The concept of Sustainable Building is an integrated approach that encompasses integrated waste management objectives such as building materials efficiency, construction and demolition (C&D) waste reduction, and maximization of reused and recycled content building and landscaping materials. Many of these elements are

addressed in the Leadership in Energy and Environmental Design (LEED), a sustainable building rating system. A LEED Silver, or higher, building includes construction waste management practices that encourage diversion of construction waste of at least 50%. Both LEED and the Collaborative for High Performance Schools (CHPS) Criteria require providing space for recycling, developing of a C&D waste management plan and award points for 50% and 75% diversion. Sustainable buildings have a high potential to improve the markets for used- and recycled-content materials, given the high levels of debris entering landfills as a result of construction and demolition activities in California.

The Sustainable Building Grant Program was originally funded out of the Integrated Waste Management (IWM) Account. This provided a more holistic sustainable building grant program that focused on the entire building; its affect on the building footprint, indoor air quality, recycled content building products and resource conservation. However, since only nominal funds have been available from the IWM account in the past few years, the sustainable building grant program has relied solely on the yearly funding allocation from the Tire Fund, and therefore has had to restrict it's funding only to the incorporation of building products made from California's waste tires.

The purpose of this grant solicitation is to advance the use of California waste tire products in sustainable building projects and applications. These grants will provide an opportunity to develop markets for waste tires while advancing the use and acceptance of recycled-content, California tire-derived products in the built environment.

Funding Allocation

This will be a competitive grant solicitation, meaning that staff will review, score and rank all qualified applications based on the scoring and evaluation criteria. The Board will then award the grants in order of ranking until all funding is exhausted. The funding allocation available for this solicitation is three hundred thousand dollars (\$300,000). The maximum award for each proposal is seventy five thousand dollars (\$75,000).

Eligibility

This grant solicitation is available to state and local government agencies and non-profits. Under the broad definition of local governments, Indian tribes are also eligible to apply for funding. Only one application per jurisdiction may be submitted for consideration in this grant cycle.

Project Eligibility

The Sustainable Building Tire Grants are intended to advance the use of California waste tire products in sustainable building projects and applications. This grant offering's primary purpose is to encourage the creative application and inclusion of waste tire products into construction projects. This can include indoor and/or outdoor applications (e.g., matting, ADA ramps, landscaping, etc.) Indoor applications would be restricted to properly ventilated (larger) spaces such as gymnasiums and multi- purpose rooms.

State Agency Buy Recycled Campaign (SABRC) Requirements

The SABRC requires that State agencies use 50% of their budget dollars to purchase recycled content products that meet minimum content requirements. For all Board funding, the grantees and contractors are also required to use their funding to purchase recycled content materials, those purchases are then rolled up into the

Board's SABRC report. Because these grant funds are for the purchase, installation and reporting of California waste tire products, this requirement will be fulfilled.

Additional Reporting Requirements

Since the Board is a major funding source for many state agencies, local governments, non profits, school districts, etc., it is important to track the impacts that our funding is having throughout the State. For this reason, it will be a requirement of these grantees to report on the maintenance and durability of the products purchased for five (5) years from the end of the grant term. Reporting will be done through a survey to be developed by staff.

Evaluation and Award Process

After the close of the application period, Grants Administration Unit (GAU) staff will perform initial data entry and a completeness review for each application. Program staff will then convene a panel consisting of appropriate Board staff. The lead staff person will meet with all panel members to explain the scoring criteria, evaluation process, and the detailed scoring structure. Panel members will independently review and evaluate each proposal assigned to them using the criteria shown in Attachment 1. Panel members will meet to discuss individual scores and develop a final score for each proposal. If the scores of the panelists differ by more than five (5) points or the funding recommendations are different, panel members will first attempt to resolve their differences. If unsuccessful, a post review team consisting of the Sustainable Building manager, Cycle Lean, and AFD management will meet to resolve the issue. The post review team will meet to review all applications receiving a score of at least 70 points in total General and Preference Points to determine the appropriateness of the score or course of action to be taken.

All proposals will be ranked according to the final score received. Staff's recommendations for funding will be based on the order of ranking. There are a maximum of one hundred points (100). Proposals must attain a minimum total of seventy-five (75) points to be eligible for funding consideration. Proposals will be ranked competitively against each other. In the event that there is insufficient funding for all qualified applicants, the highest ranked proposals will have funding priority.

In the event of a tie within a particular ranking, if there is insufficient funding available to award all applicants with identical scores in that rank, staff will bring the applicable proposals to the Board for determination of which of those applicants will be proposed for funding.

Staff will provide the Board the ranking information and project summaries of all qualified applicants to inform the Board of the types of projects and activities proposed during this offering. This information will be useful for establishing future criteria and targeting efforts. If future funding becomes available, the ranking information will be useful to prioritize future funding opportunities.

B. Environmental Issues

One of the potential issues with the incorporation of waste tire products in building projects is the hesitancy of many to include them in indoor, and some outdoor, applications. This hesitancy comes from various factors including: smell, off-gassing and leaching concerns, when used in landscaping applications. The Board commissioned the

Building Materials Emission Study (BMES), which was conducted to compare “standard or traditional” building products with “recycled content or non-traditional” building products. This study found that while most tire-derived products were low-emitting and in compliance with the indoor air quality concentration limits (Section 01350) used in the BMES, it also concluded that more testing and refinement of these products is needed before they can be promoted for wide-use in small spaces such as classrooms and state offices. In the interim, the study indicates that tire-derived products can be used in properly ventilated larger spaces such as gymnasiums and multi-purpose rooms. Based on this information, the Office of Environmental Health Hazard Assessment (OEHHA) and Department of Health Services (DHS) are conducting a follow up study to examine more closely the tire-derived products and their potential off-gassing, or indoor exposure risk. This study will be completed in May 2006.

We expect that successful solicitation of appropriate grant proposals will further the market development of California’s waste tires, thereby diverting waste tires from landfills and helping to prevent the illegal dumping of those tires throughout the State of California.

C. Program/Long Term Impacts

Staff believes that providing sustainable building tire funds to multiple state agencies, local governments and/or non-profit entities throughout the state will serve to further the Board’s mission in promoting market development and resource conservation.

One challenge that Grantees and Contractors have faced in the past when trying to procure sustainable building tire products is the lack of products made from California waste tires. Since the sustainable building tire grant program is still in its infancy, the markets for California waste tire building product manufacturers have not yet been fully developed. This has caused much frustration with the Grantees/Contractors, manufacturers and Board staff during the procurement of these products for various projects throughout the state.

The potential impact that this funding opportunity will have on other Board programs is positive. Because the Tire Fund is the funding source, the successful completion of this grant solicitation and future award(s) will further the market development of California waste tires that will help keep the tires out of landfills and help prevent illegal dumping. This is a long-term benefit for the Board, California, and the environment.

D. Stakeholder Impacts

Through the Sustainable Building Tire Grant program, the Board is promoting the expansion of the use and acceptance of waste tire-derived products in building applications. Through this grant program people will become more aware that building products manufactured from California waste tires are available, and see the positive benefits of using these products versus some of the traditional building products. In turn, these products will become more mainstream, and we hope to see them specified in the future even without grant funding. This will lead to Industries involved in California’s waste tire markets benefiting from the incorporation and promotion of these tire products into sustainable building projects and applications.

E. Fiscal Impacts

1. The future grant awards would be allocated from the FY 2004/2005 Tire Fund, and would be expended by May 15, 2007.
2. The amount proposed for solicitation is \$300,000, and would be allocated from the Sustainable Building Program's \$300,000 funding allocation from the Five-Year Plan.

F. Legal Issues

Senate Bill 876 (Escutia, Chapter 838, Statutes of 2000) (California Waste Tire Recycling Enhancement Act) authorizes the funding of market development of recycled-content California tire-derived products.

G. Environmental Justice

All applicants will be required to certify under penalty of perjury that, if awarded a grant, it shall, in the performance of the Grant Agreement, conduct its program, policies, and activities that substantially affect human health or the environment in a manner that ensures the fair treatment of people of all races, cultures, and income levels, including minority populations, and low-income populations of the State. All grantees will be contractually required to perform their grant projects in a manner that is consistent with the principles of Environmental Justice as defined in Public Resources Code § 72000 et seq.

H. 2001 Strategic Plan

This grant solicitation supports the Board's Strategic Plan, under Goal 2; to assist in the creation and expansion of sustainable markets to support diversion efforts and ensure that diverted materials return to the economic mainstream. There are three (3) objectives listed under this goal. The specific objective that this grant solicitation addresses is Objective 2; to encourage the use of materials diverted from California landfills and the use of environmentally preferable practices, products, and technologies. Strategy B listed under this objective is to provide financial incentives, including grants, contracts, loans, and tax credits.

VI. FUNDING INFORMATION

1. Fund Source	2. Amount Available	3. Amount to Fund Item	4. Amount Remaining	5. Line Item
Tire (FY 04/05)	\$300,000	\$300,000	\$0	C&P/Grants

VII. ATTACHMENTS

1. Grant Evaluation and Scoring Criteria
2. Resolution Number 2005-50

VIII. STAFF RESPONSIBLE FOR ITEM PREPARATION

A. Program Staff: Kristen McDonald/ Barbara Van Gee	Phone: (916) 341-6485 (916) 341-6474
B. Legal Staff: Holly B. Armstrong Deborah Borzelleri	Phone: (916) 341-6060 (916) 341-6056
C. Administration Staff: Roger Ikemoto	Phone: (916) 341-6116

IX. WRITTEN SUPPORT AND/OR OPPOSITION

A. Support

Staff had not received any written support at the time this item was submitted for publication.

B. Opposition

Staff had not received any written opposition at the time this item was submitted for publication.

SUSTAINABLE BUILDING TIRE GRANT PROGRAM SCORING CRITERIA FOR FISCAL YEAR 2004/2005	
<p>Only one application per jurisdiction may be submitted for consideration in this grant cycle. Applicants must also score at least 75% (75 points) out of 100 points possible to qualify for grant funding.</p>	
Points	GENERAL CRITERIA
25	<p>1. NEED-Grant proposal clearly and convincingly describes and demonstrates why the project should be funded (e.g., benefits, end products, etc.)</p> <ul style="list-style-type: none"> • Provides a detailed description of the project proposed for funding • Provides convincing reasons why the project should be funded • Describes potential impact of the project on other projects • Demonstrates the use of waste tires in the project (how many tires will your project divert from the landfill?)
10	<p>2. GOALS and OBJECTIVES-Describe what you wish to accomplish by completing this grant project. Measurable target(s) that must be met on the way to attaining your goal.</p> <ul style="list-style-type: none"> • Explain the projects specific goals and objectives, and how they relate to the need • Quantify outreach goals (e.g., how many people will be affected) • Quantify desired results • Demonstrate that goals and objectives can be achieved by the end of the grant term
5	<p>3. EVALUATION-Measures the outcome of the applicant's project.</p> <ul style="list-style-type: none"> • Grant proposal describes a method to evaluate the success of the project and determine whether the goals and objectives were accomplished. (This must include a cost per tire breakdown) • Describes clearly the criteria for determining success • States who will be responsible for the evaluation • Describes any evaluation reports to be produced (in addition to required quarterly reports to the Board)
10	<p>4. WORKPLAN-Specific list of all grant eligible procedures or tasks used to complete your project.</p> <ul style="list-style-type: none"> • Complete the Work Plan template (sample provided in application), to include a detailed description of each task required to achieve the goals and objectives, the time frame, and who will perform each task.
10	<p>5. BUDGET-Cost (dollar figure) associated with activities necessary to complete the project.</p> <ul style="list-style-type: none"> • Grant proposal demonstrates that the project is cost effective in relation to the location, source, quality, and quantity of targeted wastes or other goals • Budget itemization is highly detailed to determine that proposed expenses are reasonable and breaks down the overall cost for the entire project into specific cost categories. (This should include estimates/quotes) • All costs are accurately calculated and totaled • All program tasks described in the Work Statement and narrative are itemized in the budget • Cost savings are described, e.g., use of volunteer labor, in-kind services, recycling options, use of existing promotional materials etc. • Budget items for miscellaneous, contingency, or managerial costs are clearly described and kept to a minimum • Budget must be submitted in the format requested, and according to the example provided in application • Specify any other funding sources that will be used to complete the project

5	<p>6. COMPLETENESS, LETTERS OF SUPPORT, EXPERIENCE, ETC.</p> <ul style="list-style-type: none"> • Grant Proposal is clearly presented and complete as required in the application instructions including adherence to all specified deadlines. Includes evidence that the applicant or its contractor(s) have sufficient staff resources, technical expertise and experience successfully managing grant programs, to carry out the proposed project • Should be clearly presented and complete. • Should be checked to assure that all required attachments, forms, signatures and initials are included. • Should be signed in all appropriate places by the person whose title is designated in the authorizing document. Note: If an authorizing document is unavailable at the time of application submittal, one must be submitted to the CIWMB Grant Manager no later than May 6, 2005. • Should include a signed General Checklist of Business Permits, Licenses and Filings form which certifies required permits have been obtained, or will be obtained. Permit and licensing assistance may be obtained through the following website: http://www.calgold.ca.gov/ . • Includes 2 letters of support for the project (no more or less) • Addresses ability of the applicant to coordinate contracted activities, if applicable • Includes resumes, endorsements, references, etc.
20	<p>7. EVIDENCE OF RECYCLED-CONTENT PURCHASING POLICY</p> <p>This policy requires the applicant to use recycled-content and/or environmentally preferable products, recycled or reused products, or engage in other waste reduction activities where appropriate and feasible.</p> <ul style="list-style-type: none"> • Description of applicant's Recycled-Content Purchasing Policy (or Environmentally Preferable Policy with recycled-content purchasing provisions). List and document the types of recycled products their agency has previously purchased, etc. • Evaluation of applicant's Recycled-Content Purchasing practices, which includes a description of the aspects that have been successfully implemented and a description of at least one (1) aspect that could be improved. • Discussion of applicant's use of re-refined oil in vehicles or evidence of sustainable practices such as grasscycling, composting, water-efficient landscaping, retreaded tires, etc. • Attach a formal Recycled-Content Purchasing Policy that has been adopted or modified within the last five (5) years (to receive full credit for this section). Adoption or modification of policy during the application period is acceptable.
85	TOTAL POSSIBLE GENERAL CRITERIA POINTS
	PREFERENCE CRITERIA
15	<p>Grant proposal has the potential to be leveraged for wider application that can result in widespread use of sustainable building practices. At a minimum, the project should:</p> <ul style="list-style-type: none"> • Be highly visible and educational • Keep significant amounts of waste tire materials out of landfills • Enhance markets for secondary materials collected through recycling collection programs • Use of waste tire products in the context of a sustainable building, not just a sustainable feature (i.e., requiring LEED or CHPS commitment consistent with the new Executive Order S-20-04, or higher).
15	TOTAL POSSIBLE PREFERENCE CRITERIA POINTS
100	TOTAL GENERAL CRITERIA AND PREFERENCE CRITERIA POINTS

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Resolution 2005-50

Consideration Of The Scoring Criteria And Evaluation Process For The Sustainable Building Tire Grant Program Fiscal Year 2004/2005 (California Tire Recycling Management Fund)

WHEREAS, the concept of “Sustainable Building,” also referred to as “Green Building,” is an integrated approach that encompasses integrated waste management objectives such as building materials efficiency, construction and demolition waste reduction, and maximization of reused and recycled content building and landscaping materials; and

WHEREAS, the California Tire Recycling Act (Public Resources Code, section 42871 (a)) requires the California Integrated Waste Management Board (Board) to maintain a tire recycling program which promotes and develops alternatives to the landfill disposal of waste tires; and

WHEREAS, in May 2003, the Board approved the, Revised Five-Year Plan for the Waste Tire Recycling Management Program (2nd Edition Covering Fiscal Year (FY) 2003/04-2007/08), which includes a yearly funding allocation for Green Building Activities that promote the purchase of building products containing recycled rubber; and

WHEREAS, three hundred thousand dollars (\$300,000), from the California Tire Recycling Management Fund allocated for Sustainable Building Tire Grants, is available to solicit proposals for Sustainable Building Tire Grants.

NOW, THEREFORE, BE IT RESOLVED that the Board approves an offering of the Sustainable Building Tire Grants not to exceed three hundred thousand dollars (\$300,000) from the FY 2004/2005 allocation and directs staff to develop and issue a Notice of Funds Available soliciting applications from eligible applicants, and to receive, score, and rank the resulting applications, and return to the Board for award of Sustainable Building Tire Grant funds for FY 2004/2005;

NOW, THEREFORE, BE IT FURTHER RESOLVED, that the Board approves the proposed Scoring Criteria and Evaluation Process for the FY 2004/2005 Sustainable Building Tire Grant.

CERTIFICATION

The undersigned Executive Director, or his designee, of the California Integrated Waste Management Board does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the California Integrated Waste Management Board held on February 15-16, 2005.

Dated:

Mark Leary
Executive Director